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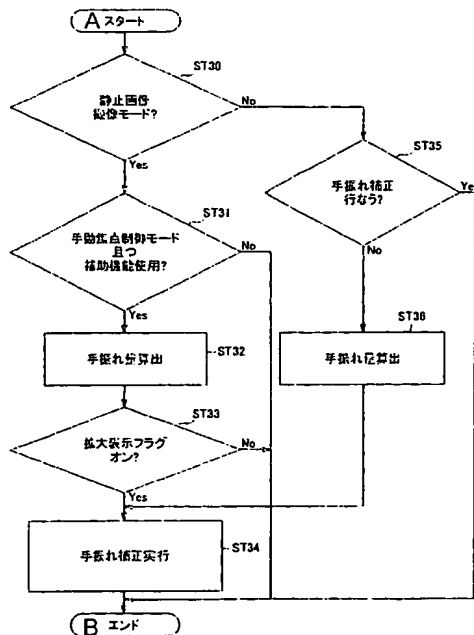
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(51) 国際特許分類⁷: H04N 5/232 (72) 発明者; および
(21) 国際出願番号: PCT/JP2003/015815 (75) 発明者/出願人 (米国についてのみ): 熊木 甚洋 (KUMAKI, Jinyo) [JP/JP]; 〒141-0001 東京都品川区北品川6丁目7番35号 ソニー株式会社内 Tokyo (JP).
(22) 国際出願日: 2003 年 12 月 10 日 (10.12.2003) (74) 代理人: 小池 晃, 外 (KOIKE, Akira et al.); 〒100-0011 東京都千代田区内幸町一丁目1番7号 大和生命ビル 11 階 Tokyo (JP).
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(30) 優先権データ: 特願2003-15165 2003 年 1 月 23 日 (23.01.2003) JP (71) 出願人 (米国を除く全ての指定国について): ソニー株式会社 (SONY CORPORATION) [JP/JP]; 〒141-0001 東京都品川区北品川6丁目7番35号 Tokyo (JP).
添付公開書類:
— 国際調査報告書

/続葉有/

(54) Title: IMAGE PICKUP DEVICE

(54) 発明の名称: 撮像装置



A...START
ST30...STILL IMAGE PICKUP MODE?
ST31...MANUAL FOCAL POINT CONTROL MODE AND AUXILIARY
FUNCTION USED?
ST32...CALCULATE CAMERA SHAKE AMOUNT
ST33...ENLARGED DISPLAY FLAG ON?
ST34...CAMERA SHAKE CORRECTION EXECUTION
B...END
ST35...CAMERA SHAKE TO BE CORRECTED?
ST36...CALCULATE CAMERA SHAKE AMOUNT

(57) Abstract: When the manual focus control mode is set in and the mode for executing an auxiliary function is set in, a microcomputer (14) sets an enlarged image generation area in an image generation region; a signal processing section (5) subjects an image signal of the enlarged image generation area to a processing; and a display processing section (7) generates an image enlarged to a predetermined size from the image signal processed by the signal processing section (5) and displays it in a display section (8). The microcomputer (14) sets the enlarged image generation area at a position moved from a predetermined position by a camera shake amount.

(57) 要約: 手動焦点制御モードであり且つ補助機能を行う設定とされているときには、マイコン (14) が画像生成領域の内部に拡大画像生成領域を設定し、信号処理部 (5) が拡大画像生成領域の画像信号に処理を施し、表示処理部 (7) が信号処理部 (5) によって処理された画像信号から所定の大きに拡大された画像を生成して表示部 (8) に表示する。マイコン (14) は、拡大画像生成領域を、所定の位置から手振れ量分移動させた位置に設定する。

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のガイダンスノート」を参照。

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/15815

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl.⁷ H04N5/232

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl.⁷ H04N5/222-5/257Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2004
Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 11-196301 A (Casio Computer Co., Ltd.), 21 July, 1999 (21.07.99), Page 4, column 5, line 44 to page 7, column 12, line 5 (Family: none)	1-7, 10-13 8, 9
Y A	JP 2001-36796 A (Olympus Optical Co., Ltd.), 09 February, 2001 (09.02.01), Page 2, column 2, lines 8 to 32; page 6, column 9, line 47 to column 10, line 12; page 7, column 11, line 42 to column 12, line 1; page 8, column 13, line 42 to column 14, line 3 (Family: none)	1-7, 10-13 8, 9

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
23 March, 2004 (23.03.04)Date of mailing of the international search report
13 April, 2004 (13.04.04)Name and mailing address of the ISA/
Japanese Patent Office

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Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2001-100264 A (Canon Inc.), 13 April, 2001 (13.04.01), Page 2, column 2, line 42 to page 3, column 3, line 13; Fig. 6 (Family: none)	1-7,10-13 8,9
Y	JP 2000-341577 A (Fuji Photo Film Co., Ltd.), 08 December, 2000 (08.12.00), Page 3, column 4, line 37 to page 4, column 6, line 1; page 8, column 13, line 27 to page 10, column 17, line 7; Fig. 4 (Family: none)	2
Y	JP 10-322591 A (Canon Inc.), 04 December, 1998 (04.12.98), Page 3, column 4, line 29 to page 4, column 6, line 27; page 4, column 6, line 48 to page 5, column 7, line 30; page 5, column 8, lines 6 to 10; page 7, column 12, line 36 to page 8, column 13, line 27 (Family: none)	1-7,10-13
Y	JP 07-143393 A (Fuji Photo Film Co., Ltd.), 02 June, 1995 (02.06.95), Page 2, column 1, lines 23 to 28; page 3, column 3, lines 4 to 29; page 4, column 5, line 13 to column 6, line 20 (Family: none)	1-7,10-13
Y	JP 2000-32331 A (Kawasaki Steel Corp.), 28 January, 2000 (28.01.00), Page 4, column 6, line 15 to page 5, column 7, line 25 (Family: none)	1-7,10-13
Y	JP 2002-131799 A (Olympus Optical Co., Ltd.), 09 May, 2002 (09.05.02), Page 5, column 8, line 47 to page 6, column 9, line 4 (Family: none)	1-7,10-13
Y	JP 09-5867 A (Minolta Co., Ltd.), 10 January, 1997 (10.01.97), Page 9, column 15, lines 15 to 22; Fig. 25 & DE 19624875 A	1-7,10-13